



### 3. GENERAL PURPOSE AXIAL LEAD SILICION RECTIFIER

Individual Technical Data Sheets Giving Ratings and Characteristic Curve are Available

T-01-01

#### 3-1. 1 Ampere – Plastic Rectifiers/D0-41 Package

OPERATING AND STORAGE TEMPERATURE -65°C ~ +175°C

TYPE	PIV (Peak Inverse Voltage)  V <sub>PK</sub>	MAX AVG Rectify Current @ Half-Wave Res Load 60 Hz		MAX FWD Peak Surge Current 1 ~ 60 Hz Superimposed  I <sub>FM</sub> (Surge)  A <sub>PK</sub>	MAX Reverse Current @ PIV Voltage @ 25°C T <sub>A</sub>  I <sub>R</sub>  μA <sub>dc</sub>	MAX Forward Voltage @ 25°C T <sub>A</sub>	
		I <sub>O</sub>	T <sub>A</sub>			I <sub>FM</sub>	V <sub>FM</sub>
		A <sub>AV</sub>	°C			A <sub>PK</sub>	V <sub>PK</sub>
IN4001	50	10	75	30	50	10	10
IN4002	100	10	75	30	50	10	10
IN4003	200	10	75	30	50	10	10
IN4004	400	10	75	30	50	10	10
IN4005	600	10	75	30	50	10	10
IN4006	800	10	75	30	50	10	10
IN4007	1000	10	75	30	50	10	10
GP100	50	10	100	50	10	10	0.95
GP101	100	10	100	50	10	10	0.95
GP102	200	10	100	50	10	10	0.95
GP103	300	10	100	50	10	10	0.95
GP104	400	10	100	50	10	10	0.95
GP105	500	10	100	50	10	10	0.95
GP106	600	10	100	50	10	10	0.95
GP108	800	10	100	50	10	10	0.95
GP110	1000	10	100	50	10	10	0.95
IN3611	200	10	75	30	50	10	1.1
IN4612	400	10	75	30	50	10	1.1
IN3613	600	10	75	30	50	10	1.1
IN3614	800	10	75	30	50	10	1.1
IN4245	200	10	75	30	50	10	1.2
IN4246	400	10	75	30	50	10	1.2
IN4247	600	10	75	30	50	10	1.2
IN4248	800	10	75	30	50	10	1.2
IN4249	1000	10	75	30	50	10	1.2
IN5059	200	10	100	50	10	10	1.2
IN5060	400	10	100	50	10	10	1.2
IN5061	600	10	100	50	10	10	1.2
IN5062	800	10	100	50	10	10	1.2

#### 3-2. 1.5 Amperes – Plastic Rectifiers/D0-15 Package

OPERATING AND STORAGE TEMPERATURE -65°C ~ +175°C

TYPE	PIV (Peak Inverse Voltage)  V <sub>PK</sub>	MAX AVG Rectify Current @ Half-Wave Res Load 60 Hz		MAX FWD Peak Surge Current 1 ~ 60 Hz Superimposed  I <sub>FM</sub> (Surge)  A <sub>PK</sub>	MAX Reverse Current @ PIV Voltage @ 25°C T <sub>A</sub>  I <sub>R</sub>  μA <sub>dc</sub>	MAX Forward Voltage @ 25°C T <sub>A</sub>	
		I <sub>O</sub>	T <sub>A</sub>			I <sub>FM</sub>	V <sub>FM</sub>
		A <sub>AV</sub>	°C			A <sub>PK</sub>	V <sub>PK</sub>
IN5391	50	15	70	50	5	15	1.1
IN5392	100	15	70	50	5	15	1.1
IN5393	200	15	70	50	5	15	1.1
IN5394	300	15	70	50	5	15	1.1
IN5395	400	15	70	50	5	15	1.1
IN5396	500	15	70	50	5	15	1.1
IN5397	600	15	70	50	5	15	1.1
IN5398	800	15	70	50	5	15	1.1
IN5399	1000	15	70	50	5	15	1.1
GP200	50	20	70	100	5	20	0.98
GP201	100	20	70	100	5	20	0.98
GP202	200	20	70	100	5	20	0.98
GP203	300	20	70	100	5	20	0.98
GP204	400	20	70	100	5	20	0.98
GP205	500	20	70	100	5	20	0.98
GP206	600	20	70	100	5	20	0.98
GP208	800	20	70	100	5	20	0.98
GP210	1000	20	70	100	5	20	0.98